

SIMULIA FERRUGINEA WAHLBERG, 1844 (INSECTA, DIPTERA): PROPOSED PRECEDENCE OVER *SIMULIA RUFA* MEIGEN, 1838 AND *SIMULIA BOREALIS* ZETTERSTEDT, 1842
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Simulia ferruginea Wahlberg, 1844 (p. 110) was described from Sweden. This species is now placed in the genus *Helodon* Enderlein, 1921. The specific name is in general current use as shown by the following selected references: Rubtsov (1940, p. 271; 1956, p. 199; 1959–1964, p. 138; 1974, p. 274); Davies (1951, p. 195); Grenier (1953, p. 82); Ussova (1961, p. 44); Carlsson (1962, p. 56); Stone (1963, p. 10); Raastad & Mehl (1972, p. 173); Raastad (1975, p. 92) and Zwick (1978, p. 398).

2. *Simulia rufa* Meigen, 1838 (p. 54) was described from Europe without indication of exact locality. The type material is lost and the name was long regarded as a *nomen dubium* and not therefore used as a valid name. I do not consider the reproduction of Meigen's colour drawings and his hand-written list by Morge (1976) or the short note on the doubtful identity of *S. rufa* by Rubtsov (1959–1964, p. 585) as usage in the sense of Article 79c of the Code.

3. *Simulia borealis* Zetterstedt, 1842 (p. 515) was first mentioned in an itinerary published in a report on botanical research. The name was accompanied only by a statement that the species bites badly because it is 'almost three times as large as the largest species of this genus hitherto known to us' (translation from Swedish). *S. borealis* was subsequently considered to be a *nomen nudum* and placed in synonymy of *S. ferruginea* beginning with Zetterstedt (1850) himself (see Carlsson, 1962, p. 56).

4. Zwick & Crosskey (1981, p. 242) examined Meigen's original description and colour drawing and concluded that *S. rufa* was conspecific with *S. ferruginea*. They further concluded that *S. borealis* was an available name. Contrary to the established usage but adhering to the Principle of Priority they used *Helodon rufus* (Meigen, 1838) as the valid name with *S. borealis* and *S. ferrugineus* as junior synonyms.

5. In accordance with article 79c of the Code the International Commission is asked:

- (1) to use its plenary powers to rule that the specific name *ferruginea* Wahlberg, 1844, as published in the binomen *Simulia ferruginea*, is to be given nomenclatural precedence over the specific name *rufa* Meigen, 1838, as published in the binomen *Simulia rufa* and *borealis* Zetterstedt, 1842, as published in the binomen *Simulia borealis*, whenever these names are considered synonyms;
- (2) to place the following names on the Official List of Specific Names in Zoology:

- (a) *ferruginea* Wahlberg, 1844, as published in the binomen *Simulia ferruginea*, with an endorsement that it is to be given nomenclatural precedence over *rufa* Meigen, 1838, as published in the binomen *Simulia rufa* and *borealis* Zetterstedt, 1842, as published in the binomen *Simulia borealis*, whenever these names are considered synonyms;
- (b) *rufa* Meigen, 1838, as published in the binomen *Simulia rufa*, with an endorsement that it is not to be given priority over *ferruginea* Wahlberg, 1844, as published in the binomen *Simulia ferruginea* whenever the two names are considered synonyms;
- (c) *borealis* Zetterstedt, 1842, as published in the binomen *Simulia borealis*, with an endorsement that it is not to be given priority over *ferruginea* Wahlberg, 1844, as published in the binomen *Simulia ferruginea*, whenever the two names are considered synonyms.

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